

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/589,116
Source: IFWP
Date Processed by STIC: 8/22/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/22/2006

PATENT APPLICATION: US/10/589,116

TIME: 14:42:23

Input Set : F:\Sequence Listing.txt

Output Set: N:\CRF4\08222006\J589116.raw

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3 <110> APPLICANT: Yisum Research Development Co. of the Hebrew University of
4   Jerusalem
5   Sourasky Tel Aviv Medical Center
7 <120> TITLE OF INVENTION: ARP as an inducer of granulocytopoiesis,
8   uses and methods thereof
10 <130> FILE REFERENCE: 16557/WO/03
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/589,116
C--> 12 <141> CURRENT FILING DATE: 2006-08-11
12 <150> PRIOR APPLICATION NUMBER: IL 160376
13 <151> PRIOR FILING DATE: 2004-02-12
15 <160> NUMBER OF SEQ ID NOS: 20
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 26
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
26 Gly Met Gln Gly Pro Ala Gly Ser Gly Trp Glu Glu Gly Ser Gly Ser
27 1           5           10           15
30 Pro Pro Gly Val Thr Pro Leu Phe Ser Pro
31           20           25
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 40
36 <212> TYPE: PRT
37 <213> ORGANISM: Homo sapiens
39 <400> SEQUENCE: 2
41 Asp Thr Leu Asp Glu Ala Glu Arg Gln Trp Lys Ala Glu Phe His Arg
42 1           5           10           15
45 Trp Ser Ser Tyr Met Val His Trp Lys Asn Gln Phe Asp His Tyr Ser
46           20           25           30
49 Lys Gln Asp Arg Cys Ser Asp Leu
50           35           40
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 23
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Primer sequences-GATA1+
61 <400> SEQUENCE: 3
62 tcttctctcc cactgggagc cct
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 23
67 <212> TYPE: DNA

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68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Primer sequences-GATA1-
73 <400> SEQUENCE: 4
74 cttcttgggc cggatgagag gcc                23
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 20
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Primer sequences-LM02+
85 <400> SEQUENCE: 5
86 tggatgaggt gctgcagata                20
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 20
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Primer Sequences-LM02-
97 <400> SEQUENCE: 6
98 cccattgatc ttggtccact                20
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 20
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Primer sequence - RUNX1/AML1+
109 <400> SEQUENCE: 7
110 acttcctctg ctccgtgcta                20
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 21
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Primer sequence-RUNX1/AML1-
121 <400> SEQUENCE: 8
122 gtccactgtg attttgatgg c                21
125 <210> SEQ ID NO: 9
126 <211> LENGTH: 20
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Primer sequence-PU.1+
133 <400> SEQUENCE: 9
134 gatggagaaa gccatagcga                20
137 <210> SEQ ID NO: 10
138 <211> LENGTH: 20
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence

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142 <220> FEATURE:
143 <223> OTHER INFORMATION: Primer sequence-PU.1-
145 <400> SEQUENCE: 10
146 ttgtgcttgg acgagaactg 20
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 25
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Primer sequence-STAT5b+
157 <400> SEQUENCE: 11
158 gggactcaat agatcttgat aatcc 25
161 <210> SEQ ID NO: 12
162 <211> LENGTH: 25
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Primer sequence-STAT 5b-
169 <400> SEQUENCE: 12
170 aactgagctt ggatccgcag gctct 25
173 <210> SEQ ID NO: 13
174 <211> LENGTH: 22
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Primer sequence-Actin +
181 <400> SEQUENCE: 13
182 caattccatc atgaagtgtg ac 22
185 <210> SEQ ID NO: 14
186 <211> LENGTH: 20
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Primer sequence-Actin -
193 <400> SEQUENCE: 14
194 atcttgatct tcatggtgct 20
197 <210> SEQ ID NO: 15
198 <211> LENGTH: 22
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Primer Human sense TNF alfa
205 <400> SEQUENCE: 15
206 aggaacagca caggccttag tg 22
209 <210> SEQ ID NO: 16
210 <211> LENGTH: 22
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:

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215 <223> OTHER INFORMATION: Primer Human antisense TNF alfa
217 <400> SEQUENCE: 16
218 aagacccctt ccagatagat gg                                22
221 <210> SEQ ID NO: 17
222 <211> LENGTH: 21
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Probe Human TNF alfa (sensor)
229 <400> SEQUENCE: 17
230 gccccctccac ccatgtgctc c                                21
233 <210> SEQ ID NO: 18
234 <211> LENGTH: 23
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Probe Human TNF alfa (anchor)
241 <400> SEQUENCE: 18
242 caccaccac catcagccgc atc                                23
245 <210> SEQ ID NO: 19
246 <211> LENGTH: 21
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Primer Mouse sense TNF alfa
253 <400> SEQUENCE: 19
254 ggctttccga attcactgga c                                21
257 <210> SEQ ID NO: 20
258 <211> LENGTH: 19
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Primer Mouse antisense TNF alfa
265 <400> SEQUENCE: 20
266 ccccgccctt ccaaataaa                                19

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/589,116

DATE: 08/22/2006

TIME: 14:42:24

Input Set : F:\Sequence Listing.txt

Output Set: N:\CRF4\08222006\J589116.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date